

CLAIMS

We claim:

Claim 1 (Currently Amended): A multipolar integrated contact, comprising:

an arc proof component;

a conductive component;

a magnetic field generating component; and

a container having an open top and a bottom, wherein the arc proof component, the conductive component and the magnetic field generating component are set in the container, the conductive component passes through the center of the container and substantially equally divides the container from the top to the bottom; the magnetic field generating component is isolated by the conductive component within the container, and the arc proof component is on top of the combination of the magnetic field generating component and the conductive component.

Claim 2 (Currently Amended): The multipolar integrated contact, as in claim 1, in which the conductive component is set in the middle of the container and equally divides the container into at least two parts from the top to the bottom of the container.

Claims 3-4 (canceled)

Claim 5 (Currently Amended): According to claims 3 or 4, wherein the said multipolar integrated contact for power switchgear, front direction section of the said conductive

component and magnetic field generating component is trapezium, and conductive component trapezium and magnetic field generating component trapezium are mutually coordinated.

Claim 6 (Currently Amended): According to claim 1,2,3 or 4, wherein the said multipolar integrated contact for power switchgear, the said magnetic field generating component can be a multi layer cylinder structure with different diameter and is insulated between every layer, among them at least one is soft magnetic material layer.

Claims 7-9 (canceled)

Claim 10 (Currently Amended): According to claims 6 or 9, wherein the said multipolar integrated contact for power switchgear, the said multi-layer cylinder of magnetic field generating component and multi-layer cylinder of conductive component have same layer number.

Claim 11(Currently Amended): According to claim 1, 2,3 or 4, wherein the said multipolar integrated contact for power switchgear, the said magnetic field generating component is a layer shape body with one layer or more than one layer.

Claim 12 (canceled)

Claim 13 (Currently Amended): According to claims 11 or 12, wherein the said multipolar integrated contact for power switchgear, layer number of the said magnetic field generating component equals to layer number of the said conductive component.

Claim 14 (Currently Amended): According to claim 1, wherein the said multipolar integrated contact for power switchgear, the said container can be a cup-like body of rigid material, which melting point is higher than every inside component melting point.

Claims 15-16 (canceled)

Claim 17 (Currently Amended): According to claim 16, wherein the said multipolar integrated contact for power switchgear, ratio of the said mixture of pure copper powder and pure chromium powder can be 10:90 to 90:10.

Claims 18-20 (canceled)

Claim 21 (Currently Amended): According to claim 1, wherein the said multipolar integrated contact for power switchgear, the said arc proof component is made of sheet or block of copper chromium alloy.

Claims 22-23 (canceled)

Claim 24 (Currently Amended): According to claim 23, wherein the said multipolar integrated contact for power switchgear, the said conductive component is made of copper.

Claims 25-27 (canceled)

Claim 28 (Currently Amended): The multipolar integrated contact, as in claim 4, wherein the soft magnetic material is electrical iron and a material state of the soft magnetic material is selected from the group consisting of powder, sheet, bar, tube, and block.

Claims 29 (canceled)